## Attorney Docket CS23015RL Number **DECLARATION FOR UTILITY OR First Named Inventor** Michael E. Caine **DESIGN PATENT APPLICATION** (37 CFR 1.63) **COMPLETE IF KNOWN** COMBINED WITH POWER OF **Application Number** ATTORNEY **Filing Date** Declaration □ Declaration **Group Art Unit** Submitted With OR Submitted after Initial **Initial Filing** Filing (surcharge (37) **Examiner Name** CFR 1.16 (e)) required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A KEYPAD AND METHOD FOR DETECTING THE SELECTION OF ONE OF A PLURALITY OF KEY INPUTS ASSOCIATED WITH A SINGLE KEY the specification of which: is attached hereto OR was filed on: (MM/DD/YYYY) as United States Application Number or PCT International and was amended on (MM/DD/YYYY) \_\_\_\_\_ (if applicable). **Application Number** I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56, including continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date **Priority** Number(s) (MM/DD/YYYY) Country Not Claimed Certified Copy Attached? ☐ Yes □ No Yes No Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below: Provisional Application Serial No.:

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

## Prior U.S. Application(s):

$\boxtimes$	no such application(s) filed
	such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: 20280 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all correspondence to: Customer Number 20280

A petition has been filed for this	unsigned inventor.		
Full Name of Sole or First Inventor:	Michael E. Caine	e	
Michael E. Inventor's	Came s Signature	Ja	may 26, 2004
Residence: Needham City	MA State	02492 Postal Code	USA Country of Citizenship
37 Fair Oaks Pk	Mailing Adde		
	Mailing Addr		
Needham N	MA State	02492 Postal Code	Country
	<u></u>		
A petition has been filed for this	unsigned inventor	7 70.	·
]			
Full Name of Second-Joint Inventor:	Steven M. Herbs	<u>t</u>	
Inventor's	s Signature		Date
Chester	NJ	O7930 Postal Code	USA
Residence: City	State	Postal Code	Country of Citizenship
60 Fairmount Avenue	37.11		
	Mailing Addr	ress	
	NJ	07930	USA
City	State	Postal Code	Country
			The state of the s
A petition has been filed for this	unsigned inventor.		
Full Name of Third-Joint Inventor:	Joshua D. Rubin		
Inventor's	s Signature		Date
New York	NY	10011	USA
Residence: City	State	Postal Code	Country of Citizenship

535 West 23rd Stree		N f = 11 = A 1 1		
		Mailing Addre	ess	
New York	NY		10011	USA
City	, , , , , , , , , , , , , , , , , , , ,	State	Postal Code	Country
A petition has been f	filed for this unsign	ned inventor.		
ull Name of Fourth-Join		chard A. Thrus	h	
	Inventor's Signa	nture		Date
Garwood		NJ	07027	USA
desidence:	City	State	Postal Code	Country of Citizenship
310 North Avenue,	Apt. 11			
		Mailing Addre	ess	
~ .				
Garwood	NJ		07027	USA
Garwood City		State	07027 Postal Code	Country
	filed for this unsign			
City  A petition has been f	filed for this unsign	ned inventor.		
City  A petition has been f	filed for this unsign  Inventor: Ja  Inventor's Signa	ned inventor.		Country
City  A petition has been full Name of Fifth-Joint l	filed for this unsign  Inventor: Ja  Inventor's Signa	son P. Wojack	Postal Code	Country
City  A petition has been full Name of Fifth-Joint 1  Boynton Beesidence:	Filed for this unsign  Inventor: Ja  Inventor's Signateach  City	ned inventor.  son P. Wojack  ature  FL	Postal Code  33435	Date USA
City  A petition has been full Name of Fifth-Joint I	Filed for this unsign  Inventor: Ja  Inventor's Signateach  City	ned inventor.  son P. Wojack  ature  FL	Postal Code  33435 Postal Code	Date USA
City  A petition has been full Name of Fifth-Joint I	Filed for this unsign  Inventor: Ja  Inventor's Signateach  City	ned inventor.  son P. Wojack  ature  FL  State	Postal Code  33435 Postal Code	Date USA

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Provisional Application Serial No.:

Provisional Application Filing Date:

application(s) listed below:

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not

disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior	U.S.	App	lica	tion	(s)	)
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$\boxtimes$	no such application(s) filed
	such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

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I hereby appoint the attorney(s) or agent(s) associated with: 20280 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all correspondence to: Customer Number 20280

A petition has been filed for this unsigned inventor.					
Full Name of Sole or First Invent	or: Michael E. Cain	ne			
Inven	tor's Signature		Date		
Needham	MA	02492	USA		
Residence: City	State	Postal Code	Country of Citizenship		
37 Fair Oaks Pk					
	Mailing Add	lress			
Needham	MA	02492	USA		
City	State	Postal Code	Country		
A petition has been filed for	this unsigned inventor				
Full Name of Second-Joint Invent	tor: Steven M. Herb	st			
100	- W	<del>-</del>	/-26-04/ Date		
Inven	tor's Signature		Date		
Chester	NJ	07930	USA		
Residence: City	State	Postal Code	Country of Citizenship		
60 Fairmount Avenue					
	Mailing Add	lress			
Chester	NJ	07930	USA		
City	State	Postal Code	Country		
A matition has been filed for	(l.'				
A petition has been filed for	_				
Full Name of Third-Joint Invento	Joshua D. Rubir	1	<del></del>		
Inven	tor's Signature		Date		
New York	NY	10011	USA		
Residence: City	State	Postal Code	Country of Citizenship		
535 West 23rd Street, Apt.					
-, 1	Mailing Add	lress			
New York	NY	10011	USA		
City	State	Postal Code	Country		

A petition has been filed	for this unsigned inventor.		
Full Name of Fourth-Joint In	ventor: Richard A. Thr	rush_	
Iı	nventor's Signature	· <u> </u>	Date
Garwood	NJ	07027	USA
Residence: City	State	Postal Code	Country of Citizenship
310 North Avenue, Ap	t. 11		
	Mailing Ad	dress	
Garwood	NJ	07027	USA
0.1		Described in	
City  A petition has been filed	State  for this unsigned inventor.	Postal Code	Country
	for this unsigned inventor.		Country
A petition has been filed	for this unsigned inventor.		Country
A petition has been filed	for this unsigned inventor.		Date
A petition has been filed Full Name of Fifth-Joint Inve	for this unsigned inventor.  Inventor: Jason P. Wojacon ventor's Signature		
A petition has been filed Full Name of Fifth-Joint Inve	for this unsigned inventor.  Inventor: Jason P. Wojacon ventor's Signature  The FL	sk	Date
A petition has been filed Full Name of Fifth-Joint Inve	for this unsigned inventor.  Inventor: Jason P. Wojacon ventor's Signature  The FL	2k 	Date USA
A petition has been filed  Full Name of Fifth-Joint Inve	for this unsigned inventor.  Inventor: Jason P. Wojacon ventor's Signature  The FL	33435 Postal Code	Date USA
A petition has been filed  Full Name of Fifth-Joint Inve	for this unsigned inventor.  Inventor's Signature  The state	33435 Postal Code	Date USA

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Prior U.S. A	pplication(	's):
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Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

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Full Name of Sole or First Inventor:	Michael E. Cain	ue e	
Inventor's	Signature		Date
Needham	MA	02492	USA
Residence: City	State	Postal Code	Country of Citizenship
37 Fair Oaks Pk		J. 475-1-47	
	Mailing Add		
	M A State	02492	USA
City	State	Postal Code	Country
A petition has been filed for this	unsigned inventor.		
	_	<b>.</b>	
Full Name of Second-Joint Inventor:	Steven M. Herb	ost	
	s Signature		Date
Chester	NJ	07930	USA Country of Citizonship
Residence: City	State	Postal Code	Country of Citizenship
60 Fairmount Avenue	Mailing Ado		
C1 .	_		T TC) A
Chester N	NJ State	07930 Postal Code	Country
A petition has been filed for this	unsigned inventor.		
Full Name of Third-Joint Inventor:	Joshua D. Rubi	n	
	110/1		
Inventor's	s Signature	<u> </u>	Date Date
/		10011	
New York Residence: City	NY State	10011 Postal Code	USA Country of Citizenship
535 West 23rd Street, Apt. N			•
333 West 231d Bilect, Apt. 14	Mailing Add	dress	
New York	VΥ	10011	USA
City	State	Postal Code	Country

Full Name of	Fourth-Joint Invento	or: Richard A	. Thrush		
·	Invente	or's Signature			Date
		_		07027	
Residence:	Garwood City	<u>NJ</u>	State	07027 Postal Code	USA Country of Citizensh
	·				,
_310 North	h Avenue, Apt. 11		ng Address	 S	
Garwood		NJ	J	7027	USA
<u>Gai wood</u>	City	State	<u> </u>	Postal Code	Country
A petition	on has been filed for t	nis unsigned inven	tor.		
ш.		_			
ш.	on has been filed for th	_			
ш.	Fifth-Joint Inventor:	_			Date
Full Name of	Fifth-Joint Inventor:	Jason P. W		33435	Date USA
Full Name of	Fifth-Joint Inventor:	Jason P. Wor's Signature  FL		33435 Postal Code	USA
Full Name of	Fifth-Joint Inventor:  Inventor  Boynton Beach	Jason P. Wor's Signature  FL	Vojack		USA
Full Name of	Fifth-Joint Inventor:  Inventor  Boynton Beach  City	Jason P. Wor's Signature  FL S	Vojack	Postal Code	USA
Full Name of	Fifth-Joint Inventor:  Inventor  Boynton Beach  City  Ist Avenue	Jason P. Wor's Signature  FL S	Vojack  State	Postal Code	

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Address all correspondence to:

Customer Number 20280

Attorney/Agent Name:

Lawrence J. Chapa

Telephone: Facsimile:

847-523-0340

847-523-2350

A petition has been filed for this	unsigned inventor.		
Full Name of Sole or First Inventor:	Michael E. Cain	ıe .	
Inventor's	Signature		Date
Needham	MA	02492	USA
Residence: City	State	Postal Code	Country of Citizenship
37 Fair Oaks Pk	V-11: 6.11		
NY 41	Mailing Add		
Needham M	/IA State	02492 Postal Code	Country
<u> </u>	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
A petition has been filed for this u	unsigned inventor.		
Full Name of Second-Joint Inventor:	Steven M. Herbs	et∙	
	Steven W. Heros	50	
Inventor's	Signature	·	·Date
		07020	
Residence: City	NJ State	07930	USA Country of Citizenship
60 Fairmount Avenue			:
OUT GHIMOWH II. THE	Mailing Add	ress	
Chester	<b>IJ</b>	07930	USA
City	State	Postal Code	Country
	<del>. The Paris Dance</del>	<del>1. 1. 2</del>	
A petition has been filed for this t	_		Ĵ
Full Name of Third-Joint Inventor:	Joshua D. Rubin	<u> </u>	····
			, i
Inventor's	Signature		Date
New York	NY	10011	USA
Residence: City	State	Postal Code	Country of Citizenship
535 West 23rd Street, Apt. N5			· · · · · · · · · · · · · · · · · · ·
	Mailing Add	ress	
	IY	10011	USA
City	State	·Postal Code	Country

	_		
Full Name of Fourth-Joint	Inventor: Richard A.	Thrush	
1/: had	a. W.	1	JAN 27.04
Part	Inventor's Signature		Date
Garwood	NJ	07027	·USA
Residence: C	ity St	Postal Code	Country of Citizenship
310 North Avenue, A	Apt. 11		
	Mailin	g Address	
Garwood	ŊJ	07027	USA
City	State	Postal Code	Country
A petition has been fi	led for this unsigned invento		
·	-		
	Jason P. W		
•			Date
Full Name of Fifth-Joint In  Boynton Be	Inventor's Signature		Date USA
Full Name of Fifth-Joint In  Boynton Be	Inventor's Signature  ach FL	ojack	Date USA
Full Name of Fifth-Joint I	Inventor's Signature  ach FL ity Sta	ojack  33435  ate Postal Code	Date USA
Full Name of Fifth-Joint II  Boynton Be Residence: C	Inventor's Signature  ach FL ity Sta	ojack	Date USA
Full Name of Fifth-Joint II  Boynton Be Residence:	Inventor's Signature  ach FL ity Sta	ojack  33435  ate Postal Code	Date

### Attorney Docket CS23015RL Number DECLARATION FOR UTILITY OR First Named Inventor Michael E. Caine **DESIGN PATENT APPLICATION** (37 CFR 1.63) COMPLETE IF KNOWN **COMBINED WITH POWER OF Application Number ATTORNEY** Filing Date Declaration ☐ Declaration **Group Art Unit** Submitted With OR Submitted after Initial Initial Filing Filing (surcharge (37) **Examiner Name** CFR 1.16 (e)) required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A KEYPAD AND METHOD FOR DETECTING THE SELECTION OF ONE OF A PLURALITY OF KEY INPUTS ASSOCIATED WITH A SINGLE KEY the specification of which: is attached hereto OR was filed on: (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56, including continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date Priority Number(s) (MM/DD/YYYY) Country Not Claimed Certified Copy Attached? ☐ Yes □ No П Yes No Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below: Provisional Application Serial No.:

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not

disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

### Prior U.S. Application(s):

$\boxtimes$	no such application(s) filed
	such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: 20280 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all correspondence to: Customer Number 20280

A petition has been filed for the	nis unsigned inventor.		
Full Name of Sole or First Inventor	r: Michael E. Cai	ine	_
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A petition has been filed for this	unsigned inventor.		
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